



**CITY OF SAINT PAUL**  
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## **RESIDENTIAL DWELLING CHECKLIST 2014 NEC** **(FINAL)**

*This checklist is a helpful guideline of common code requirements, but does not include all the requirements of the 2014 NEC.*

\_\_\_ MN Rule 3801.3780 & SPLC 33.03(e)(1), 33.09 – A final inspection shall be scheduled by the installer when the electrical work is complete prior to the wiring being utilized and the space occupied. If deficiencies are noted, they must be abated within 30 days, or a citation may be issued with a mandatory court appearance.

\_\_\_ MN Rule 3801.3780 & Article 110.3, NEC – All electrical luminaires and equipment shall be listed and labeled by a Nationally Recognized Testing Laboratory (NRTL), and installed in accordance with the manufacturer's listing instructions

\_\_\_ Article 406.4(A), NEC – Grounding type receptacles shall be installed on all new 15- and 20-ampere branch circuits, wired with the proper polarity, and grounded to code.

\_\_\_ Article 406.5(A) & (D), NEC – Receptacles shall be rigidly supported to the surface, and receptacle faces shall be flush or project from the faceplate.

\_\_\_ Article 406.12 & 406.4(D), NEC – All 125-volt 15 and 20 amp receptacles installed or replaced in dwelling units shall be listed Tamper-Resistant, unless they meet the exceptions in the articles.

\_\_\_ Article 406.9 & 406.4(D), NEC – Receptacles installed or replaced in a wet location shall be listed Weather-Resistant, and have a listed cover marked "extra duty" that will close when attachment cord cap is inserted.

\_\_\_ Article 210.12 & 406.4(D), NEC – A listed Arc-Fault Circuit Interrupter (AFCI) protection device shall be provided for branch circuits, in a dwelling unit, supplying outlets or devices in kitchens, family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sun rooms, rec. rooms, closets, hallways, laundry areas, or similar. Where branch circuits in the above areas are modified, replaced, or extended AFCI protection shall be provided. Replacement receptacles in the above areas shall be protected by an AFCI device or circuit breaker.

\_\_\_ Article 210.8(A) & 406.4(D), NEC – GFCI protection shall be provided for all 125-volt 15 and 20 amp receptacle outlets installed or replaced in bathrooms, garages/accessory buildings, outdoors, unfinished basements, crawl spaces, kitchen countertops, laundry areas, and within 6 ft. of the outer edge of a sink, bathtub, or shower stall.

\_\_\_ Article 210.8(D), NEC – Branch circuits or receptacle outlets that supply dishwashers shall be GFCI protected.

\_\_\_ Article 680.71, NEC – A hydro-massage bathtub shall be GFCI protected, and shall be supplied by an individual branch circuit.

\_\_\_ Article 680.73, NEC – Hydro-massage bathtub electrical equipment shall be accessible, and removable, without damaging the building finish. A receptacle mounted by an access panel to the tub shall be within 12" of the opening and facing the opening.

\_\_\_ Article 680.74, NEC – Properly bond all metal pipes and parts in contact with the water circulation system.

\_\_\_ Article 410.42, NEC – Exposed metal parts of a luminaire shall be connected to the equipment grounding conductor.

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\_\_\_Article 410.10(D), NEC – Bathtub or shower luminaires located within the outside dimension of the tub or shower to a height of 8 ft. above the tub rim or shower threshold shall be listed for a damp location. Where subject to shower spray the luminaire shall be listed for a wet location.

\_\_\_Article 410.16(B), NEC – Clothes closets shall not contain incandescent luminaires with open or partially enclosed lamps, or lampholders.

\_\_\_Article 410.16(C), NEC – Luminaires in clothes closets shall be installed with the following minimum clearances from the nearest point of the storage space.

12" - for completely enclosed surface-mounted incandescent or LED luminaires

6" - for recessed or surface mounted fluorescent luminaires

6" - for completely enclosed recessed incandescent or LED luminaires

\_\_\_Article 410.10(A), NEC – Luminaires installed in wet or damp locations shall be marked “suitable for wet location” or “suitable for damp location”, and properly installed.

\_\_\_Article 410.90, NEC – Screw shell lampholders shall be used for lamps only. Screw shell adapters are not allowed.

\_\_\_Article 210.70(A), NEC – At least one lighting outlet containing a switch or controlled by a wall switch shall be installed in spaces used for storage, or containing equipment that requires servicing.

\_\_\_Article 110.12(A), NEC – Unused openings in junction boxes, panelboards, and equipment shall be closed with knockout seals, breaker blanks, proper cable clamps, and/or junction box covers.

\_\_\_Article 314.20, NEC – Listed box extenders shall be installed where the front edge of a box used for a flush type cover, or device plate, is not flush with combustible materials, or is set back more than ¼" on surfaces that are noncombustible.

\_\_\_Article 314.21, NEC – Wall or ceiling that are broken or incomplete around boxes where a flush type cover or faceplate will be installed shall be repaired. A gap of 1/8" or less must be maintained around the edge of the box.

\_\_\_Article 314.25, NEC – All boxes shall be covered by a blank/junction box cover, faceplate, lampholder, luminaire, or luminaire canopy.

\_\_\_Article 422.16(B), NEC – Garbage disposals, dishwashers, trash compactors, range hoods, and other appliances shall be permitted to be cord-and-plug connected where the cord is identified as suitable for the purpose, and the appliance is listed for flexible cord connection in the installation instructions.

\_\_\_Article 422.31(B), NEC – Permanently connected appliances (1/8 HP or less motor) rated over 300 volt-amperes shall be permitted to use the circuit breaker as a disconnecting means when the breaker is within sight of the appliance or lockable per article 110.25.

\_\_\_Article 422.3(C), NEC – Permanently connected motor rated appliances with motors rated over 1/8 HP shall have a disconnect within sight, unless supplied by a code compliant unit switch.

\_\_\_Article 422.31(C), NEC – Motor rated appliances rated over 1/8 HP are required to have a disconnect within sight of the appliance, unless the appliance is supplied with a code compliant unit switch.

\_\_\_Article 110.3(B), NEC – A receptacle outlet cannot be installed above an electric baseboard heater unless the installation instructions for the heater allow it.

\_\_\_Article 400.8, NEC – Flexible cords and cables shall not be used as a substitute for permanent wiring in a building.

\_\_\_Article 300.5(B) & 300.9, NEC – The interior of a raceway in a wet location, above or below grade, is considered a wet location (NM cable is not permitted in a wet location).